

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

In the claims:

Please amend the claims as indicated herein. This listing of claims will replace all previous listings.

Claims 1-22. (Cancelled)

23. (Currently Amended) A method for preserving a wood product comprising the step of contacting the wood product with a wood preservative composition comprising: (a) a dispersion in water of micronized particles of basic copper carbonate, copper carbonate or copper hydroxide between 0.001 and 25 microns and (b) one or more organic biocides selected from the group consisting of tebuconazole, alkyldimethylbenzylammonium chloride, dimethyldidecylammonium chloride, dimethyldidecylammonium carbonate, and dimethyldidecylammonium bicarbonate, wherein the micronized particles of the basic copper carbonate, copper carbonate or copper hydroxide are distributed in the wood product and render the wood product resistant to fungal decay.

Claims 24-28 (Cancelled).

29. (Previously Presented) The method of claim 23, wherein the micronized particles are copper carbonate or basic copper carbonate and the organic biocide is dimethyldidecylammonium carbonate.

Claim 30 (Cancelled).

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

31. (Previously Presented) The method of claim 23, wherein the micronized particles are copper carbonate or basic copper carbonate and the organic biocide is tebuconazole.

Claims 32-95 (Cancelled).

96. (Previously Presented) The method of claim 23, wherein the micronized particles have a size of between 0.005 microns to 25 microns.

97. (Previously Presented) The method of claim 96, wherein the micronized particles have a size of between 0.001 microns to 10 microns.

98. (Previously Presented) The method of claim 97, wherein the micronized particles have a size of between 0.05 microns to 10 microns.

99. (Previously Presented) The method of claim 98, wherein the micronized particles have a size of between 0.05 microns to 1.0 microns.

Claims 100-105. (Cancelled).

106. (Currently Amended) A method for preserving a wood product comprising the steps of (a) adding water to a concentrated wood preservative composition comprising a dispersion in water of

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

micronized particles of copper carbonate or basic copper carbonate between 0.001 and 25 microns to prepare a treating fluid and (b) vacuum and/or pressure treating a wood product with the treating fluid, wherein the micronized particles of the basic copper carbonate, copper carbonate or copper hydroxide are distributed in the wood product and render the wood product resistant to fungal decay.

107. (Previously Presented) The method of claim 106, wherein the wood preservative composition further comprises tebuconazole.

108. (Previously Presented) The method of claim 106, wherein the micronized particles of copper carbonate or basic copper carbonate are between 0.005 and 10 microns.

109. (Previously Presented) The method of claim 106, wherein the micronized particles of copper carbonate or basic copper carbonate are between 0.05 and 10 microns.

110. (Previously Presented) The method of claim 106, wherein the micronized particles of copper carbonate or basic copper carbonate are between 0.05 and 1 microns.

111. (Previously Presented) The method of claim 106, wherein the wood preservative composition further comprises a quaternary ammonium compound.

Claims 112-113 (Cancelled).

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

114. (Previously Presented) The method of claim 111, wherein the quaternary ammonium compound is alkyl dimethylbenzylammonium chloride, dimethyldidecylammonium chloride, dimethyldidecylammonium carbonate, or dimethyldidecylammonium bicarbonate.

115. (Cancelled).

116. (Currently Amended) A method for preserving a wood product comprising the steps of contacting the wood product with a wood preservative composition comprising a dispersion in water of a milled copper carbonate or basic copper carbonate with a particle size of between 0.001 and 25 microns, wherein the micronized particles of the basic copper carbonate or copper carbonate are distributed in the wood product and render the wood product resistant to fungal decay.

117. (Previously Presented) The method of claim 116, further comprising tebuconazole.

118. (Previously Presented) The method of claim 116, wherein the wood preservative composition further comprises a quaternary ammonium compound.

Claims 119-120. (Cancelled)

121. (Previously Presented) The method of claim 118, wherein the quaternary ammonium

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

compound is alkyl dimethylbenzylammonium chloride, dimethyldidecylammonium chloride, dimethyldidecylammonium carbonate, or dimethyldidecylammonium bicarbonate.

Claims 122-128 (Cancelled).

129. (Currently Amended) A method for preserving a wood product comprising the step of contacting the wood product with an aqueous wood preservative composition comprising: (a) a dispersion in water of micronized particles of copper carbonate or basic copper carbonate milled to between 0.05 and 1 microns; (b) dimethyldidecylammonium carbonate; and (c) dimethyldidecylammonium bicarbonate, wherein the micronized particles of the basic copper carbonate or copper carbonate are distributed in the wood product and render the wood product resistant to fungal decay.

Claims 130-132 (Cancelled).

133. (Currently Amended) A method for preserving a wood product comprising the step of contacting the wood product with an aqueous wood preservative composition comprising: (a) a dispersion in water of micronized particles of copper carbonate or basic copper carbonate milled to between 0.05 and 1 microns, wherein the micronized particles of the basic copper carbonate or copper carbonate are distributed in the wood product and render the wood product resistant to fungal decay.

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

Claims 134-136 (Cancelled).

137. (Currently Amended) A method for preserving a wood product comprising the step of contacting the wood product with an aqueous wood preservative composition comprising: (a) a dispersion in water of micronized particles of copper carbonate or basic copper carbonate between 0.05 and 1 microns; and (b) tebuconazole, wherein the micronized particles of the basic copper carbonate or copper carbonate are distributed in the wood product and render the wood product resistant to fungal decay.

Claims 138-140 (Cancelled).

141. (Currently Amended) A method for preserving a wood product comprising the step of contacting the wood product with an aqueous wood preservative composition comprising: (a) a dispersion in water of micronized particles of copper carbonate or basic copper carbonate milled to between 0.05 and 1 microns; and (b) tebuconazole, wherein the micronized particles of the basic copper carbonate or copper carbonate are distributed in the wood product and render the wood product resistant to fungal decay.

Claims 142-144 (Cancelled).

145. (Currently Amended) The method of claim 116, wherein the step of contacting the treatment of wood product is carried out by vacuum and/or pressure treatment.

PATENT
ATTORNEY DOCKET NO. 38184.03402US
U.S. Serial No. 10/821,326

146. (Currently Amended) The method of claim 129, wherein the step of contacting the treatment of wood product is carried out by vacuum and/or pressure treatment.

147. (Currently Amended) The method of claim 133, wherein the step of contacting the treatment of wood product is carried out by vacuum and/or pressure treatment.

148. (Currently Amended) The method of claim 137, wherein the step of contacting the treatment of wood product is carried out by vacuum and/or pressure treatment.

Claims 149-153 (Cancelled).

154. (New) The method of claim 23, wherein the step of contacting the wood product is carried out by vacuum and/or pressure treatment.

155. (New) The method of claim 141, wherein the step of contacting the wood product is carried out by vacuum and/or pressure treatment.

156. (New) The method of claims 23, 106, 116, 129, 133, 137 or 141, wherein said wood product is lumber.